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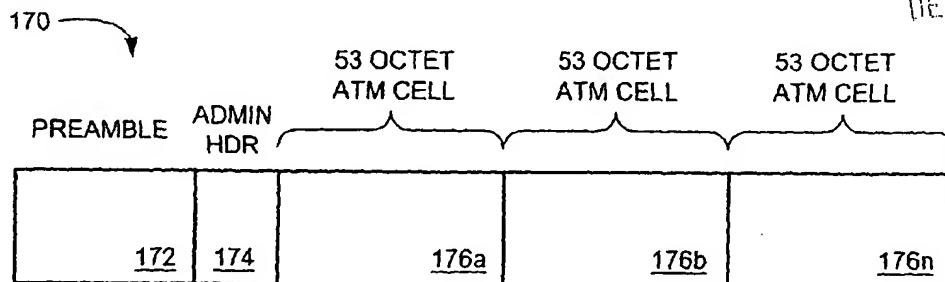
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(54) Title: APPARATUS AND METHOD FOR ASYNCHRONOUS TRANSFER MODE (ATM) ADAPTIVE TIME DOMAIN DUPLEX (ATDD) COMMUNICATION

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(57) Abstract: A device configured to encapsulate a plurality of ATM cells (176a through 176n) into an ATM frame (170), the plurality of ATM cells (176a through 176n) having the received data, so that the ATM frame (170) is communicated onto a subscriber line (18), such that the communicated ATM frame (170) has a variable transmission duration, the variable transmission duration corresponding to a number of the plurality of ATM cells (176a through 176n) encapsulated into the ATM frame (170).

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